

Appl. No. 10/799,163
Amendment and Response to Restriction Requirement
Page 2 of 5

AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Withdrawn-Currently Amended) A method for preventing or reducing cancer comprising administering to a human or animal an effective amount of ~~a~~the growth factor vaccine composition ~~wherein the composition comprises SEQ ID NO: 10 of Claim 3.~~
2. (Withdrawn) The method of Claim 1, wherein the growth factor consists of SEQ ID NO: 10.
3. (Original) A composition for preventing or reducing cancer comprising administering to a human or animal an effective amount of a growth factor vaccine composition wherein the composition comprises SEQ ID NO: 10.
4. (Currently Amended) The composition of Claim ~~1~~3, wherein the growth factor consists of SEQ ID NO: 10.
5. (New) The composition of Claim 3, further comprising a pharmaceutically acceptable carrier.
6. (New) The composition of Claim 5, wherein the pharmaceutically acceptable carrier comprises liposomes, vesicles, colloidal gold, or carrier proteins.

Appl. No. 10/799,163
Amendment and Response to Restriction Requirement
Page 3 of 5

7. (New) The composition of Claim 6, wherein the carrier protein comprises maltose binding protein, bovine serum albumin, keyhole limpet hemocyanin, ovalbumin, flagellin, thyroglobulin, serum albumin, gamma globulin, syngeneic cells or polymers of D- and/or L-amino acids.

8. (New) The composition of Claim 3, further comprising adjuvants, preservatives, diluents, emulsifiers, or stabilizers.

9. (New) The composition of Claim 8, wherein the adjuvant is selected from the group consisting of lipophilic muramyl dipeptide derivatives, nonionic block polymers, lipid A, Freund's incomplete adjuvant, Freund's complete adjuvant, polydispersed β -(1,4) linked acetylated mannan, polyoxyethylene-polyoxypropylene copolymer adjuvants, saponin derivative adjuvants, killed *Bordetella pertussis*, lipopolysaccharide of gram-negative bacteria, polymeric anions, dextran sulfate, inorganic gels, alum, aluminum hydroxide, and aluminum phosphate.

10. (New) A composition for preventing or reducing hyperproliferative disorders comprising administering to a human or animal an effective amount of a growth factor vaccine composition wherein the composition comprises SEQ ID NO: 10.

11. (New) The composition of Claim 10, wherein the hyperproliferative disorder comprises hemangioma, solid tumors, blood borne tumors, leukemia, metastasis, telangiectasia, psoriasis, scleroderma, pyogenic granuloma, myocardial angiogenesis, Crohn's disease, plaque neovascularization, arteriovenous malformations, corneal diseases, rubeosis, neovascular glaucoma, diabetic retinopathy, retrolental fibroplasias, arthritis, diabetic neovascularization, macular degeneration, wound healing, peptic ulcer, *Helicobacter* related diseases, fractures, keloids, vasculogenesis, hematopoiesis, ovulation, menstruation, placentation, or cat scratch fever.